Rattler™ H

Handheld Coded Laser Designator / Marker with Built-in LRF

Revolutionary Size, Weight and Power (SWaP) for Coded Laser Markers / Designators

The Rattler H is a hand-held, man-portable target designator/ marker equipped with LRF and Digital Compass which enables warfighters to rapidly bring effective fire to bear on hostile targets. It's miniature Size, Weight and Power (SWaP) makes it body wearable and accessible for immediate use during TIC situations and CAS missions.

Rattler-H offers a unique and effective solution for:

- Close Air Support (CAS) Enhanced Target Engagement
- Ground Surface-to-Surface Precision Laser-Guided Munitions Target Engagement

Elbit Systems™
ISTAR & EW

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Advantages

- Allows CAS pilot positive and accurate targeting from a greater distance
- Reduces sensor-shooter loop time
- Provides necessary information for CAS "9 line briefing format"

Operation by:

- Individual soldier, Troops In Contact (TIC)
- Joint Terminal Attack Controller (JTAC)
- Joint Forward Observer (JFO)

Main Features

Body wearable	Hip mounting holster
Very lightweight	1.25 Kg (2.76 lbs) incl. batteries
Power source	Standard battery CR123 / rechargeable
Designation codes	User Selectable
Direct View Optics	Add On
display	2 lines dot matrix display
Laser Range Finder (LRF)	Up to 5000m (first/last return)
Digital Magnetic Compass (DMC)	Accuracy 2°
Visible Bore-sight Laser	0.65µm, <7m

Accessories

Included	Rechargeable battery, battery pack, set of external power cables, hip mounting holster, field carrying case.

Technical Data

Repetition rate, max.	20 PPS, NATO STANAG 3733
Energy per pulse	20-24mj
Divergence	<0.8 mRad
Pulse width	15 nSec Typ.
Lasing time (per bat. set)	15 min @ room temp.
Operating temperature	
- Internal Battery	-10° to +49°C (Battery limitation)
- External power	-32° to +49°C
Mounting options	Picatinny rail for day / night sights Tripod Interface ¼-20UN

Digital Connectivity

Data export capability:

- Targeting Computers/GPS
- Fully integrated with Teleplan FACNA

Applications

- Target marking
- Target Designation

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